

FORM PTO-1449/A and B (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICATION NO.: 10/032,385
CONFIRMATION NO.: 7159

ATTY. DOCKET NO.: S01192/70026

FILING DATE: October 25, 2001

APPLICANT: Timothy E. Moutafis et al.

GROUP ART UNIT: 3763

EXAMINER: Unassigned

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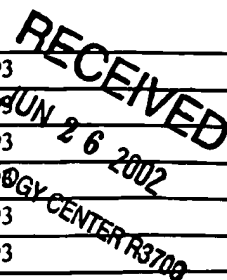
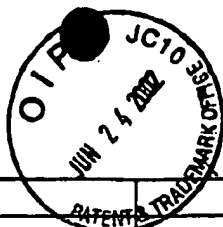
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U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YY 3700
		Number	Kind Code		
(19m)	1*	1,889,425		Sorensen	11/29/32
	2*	1,902,418		Pilgrim	03/21/33
	3*	3,590,813		Roszyk	07/06/71
	4*	3,818,913		Wallach	06/25/74
	5*	3,930,505		Wallach	01/06/76
	6*	4,024,866		Wallach	05/24/77
	7*	4,111,490		Liesveld	09/05/78
	8*	4,245,624		Komiya	01/20/81
	9*	4,282,867		Du Toit	08/11/81
	10*	4,294,251		Greenwald et al.	10/13/81
	11*	4,368,734		Banko	01/18/83
	12*	4,435,902		Mercer et al.	03/13/84
	13*	4,560,373		Sugino et al.	12/24/85
	14*	4,583,531		Mattchen	04/22/86
	15*	4,637,551		Seeger, Jr., et al.	01/20/87
	16*	4,690,672		Veltrup	09/01/87
	17*	4,694,828		Eichenbaum	09/22/87
	18*	4,715,848		Beroza	12/29/87
	19*	4,735,620		Ruiz	04/05/88
	20*	4,798,339		Sugino et al.	01/17/89
	21*	4,827,679		Earle, III	05/09/89
	22*	4,839,492		Bouchier et al.	06/13/89
	23*	4,898,574		Uchiyama et al.	02/06/90
	24*	4,913,698		Ito et al.	04/03/90
	25*	4,935,006		Hasson	06/19/90
	26*	4,937,985		Boers et al.	07/03/90
	27*	5,002,546		Romano	03/26/91
	28*	5,018,670		Chalmers	05/28/91
	29*	5,037,431		Summers et al.	08/06/91
	30*	5,052,624		Boers et al.	10/01/91
	31*	5,057,098		Zelman	10/15/91
	32*	5,074,862		Rausis	12/24/91
	33*	5,125,582		Surjaatmadja et al.	06/30/92
	34*	5,135,482		Neracher	08/04/92
	35*	5,135,484		Wright	08/04/92
(3m)	36*	5,162,016		Malloy	11/10/92



13m.	36*	5,186,714	Boudreault et al.	02/16/93
	37*	5,195,958	Phillips	03/23/93
	38*	5,205,779	O'Brien et al.	06/07/93
	39*	5,217,465	Steppe	06/08/93
	40*	5,230,704	Moberg et al.	07/27/93
	41*	5,242,449	Zaleski	09/07/93
	42*	5,250,065	Clement et al.	10/05/93
	43*	5,259,842	Plechinger et al.	11/09/93
	44*	5,300,022	Klapper et al.	08/05/94
	45*	5,314,375	O'Brien et al.	05/24/94
	46*	5,318,518	Plechinger et al.	06/07/94
	47*	5,320,599	Griep et al.	06/14/94
	48*	5,322,504	Doherty et al.	06/21/94
	49*	5,370,609	Drasler et al.	12/06/94
	50*	5,395,315	Griep	03/07/95
	51*	5,441,482	Clague et al.	08/15/95
	52*	5,453,088	Boudewijn et al.	09/26/95
	53*	5,454,827	Aust et al.	10/03/95
	54*	5,449,369	Imran	09/12/95
	55*	5,468,028	Olson	11/21/95
	56*	5,476,450	Ruggio	12/19/95
	57*	5,496,267	Drasler et al.	03/05/96
	58*	5,505,729	Rau	04/09/96
	59*	5,524,821	Yie et al.	06/11/96
	60*	5,527,330	Tovey	06/18/96
	61*	5,551,448	Matula et al.	09/03/96
	62*	5,556,406	Gordon et al.	09/17/96
	63*	5,562,640	McCabe et al.	10/08/96
	64*	5,562,692	Bair	10/08/96
	65*	5,591,184	McDonnell et al.	01/07/97
	66*	5,607,391	Klinger et al.	03/04/97
	67*	5,620,414	Campbell, Jr.	04/15/97
	68*	5,643,299	Bair	07/01/97
	69*	5,674,226	Doherty et al.	10/07/97
	70*	5,697,281	Eggers et al.	12/16/97
	71*	5,709,697	Ratcliff et al.	01/20/98
	72*	5,713,849	Bosma et al.	02/03/98
	73*	5,713,851	Boudewijn et al.	02/03/98
	74*	5,735,815	Bair	04/07/98
	75*	5,785,675	Drasler et al.	07/28/98
	76*	5,788,667	Stoller	08/04/98
	77*	5,853,384	Bair	12/29/98
	78*	5,871,462	Yoder et al.	02/16/99
	79*	5,944,686	Patterson et al.	08/31/99
13m.	80*	6,099,514	Sharkey et al.	08/08/00

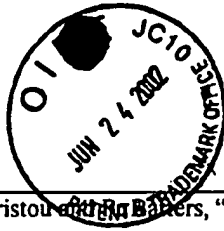


FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YY	Translation (Y/N)
		Office/Country	Number	Kind Code			
Og.	81*	DE	40 18 736	A1	Rau	02.01.86	
	82*	EP	0 175 096	B1	Veltrup	03.86	
	83*	EP	0 253 478	B1	Reimels et al.	20.01.88	
	84*	EP	0 258 901	A2	Kobayashi et al.	09.03.88	
	85*	EP	0 280 972	A1	Hagen	07.09.88	
	86*	EP	0 411 170	A1	Ito et al.	06.02.91	
	87*	EP	0 442 579	A1	Griep et al.	21.08.91	
	88*	EP	0 470 781	A1	Drasler et al.	12.02.92	
	89*	EP	0 485 133	A1	Drasler et al.	13.05.92	
	90*	EP	0 489 496	A1	Drasler et al.	10.06.92	
	91*	EP	0 551 920	B1	A. Pein	21.07.93	
	92*	EP	0 555 549	A1	Rau	18.08.93	
	93*	EP	0 620 016	A1	Weber et al.	19.10.94	
	94*	EP	0 636 345	A1	Bair	01.02.95	
	95*	EP	0 637 453	A1	Boudewijn et al.	08.02.95	
Og.	96*	EP	0 693 295	A1	Bosma et al.	24.01.96	
	97*	EP	0 737 450	A1	Boudewijn	16.10.96	
	98*	EP	0 806 213	A1	Bosma et al.	12.11.97	
	99*	FR	2 779 934		Saphir Medical SA	24.12.99	
	100*	FR	2 779 935		Saphir Medical SA	24.12.99	
	101*	WO	90/05493		Svedman	31.05.90	
	102*	WO	94/10917		Drasler et al.	26.05.94	
	103*	WO	94/28807		Saphir Medical SA	22.12.94	
	104*	WO	96/24299		A. Pein	15.08.96	
	105*	WO	96/39954		Moutafis et al.	19.12.96	
	106*	WO	96/40476		Moutafis et al.	19.12.96	
	107*	WO	97/03713		Saphir Medical SA	06.02.97	
	108*	WO	97/49441		Saphir Medical	31.12.97	
	109*	WO	99/33510		Moutafis et al.	08.07.99	
	110*	WO	99/65407		Saphir Medical	23.12.99	
Og.	111*	WO	99/65408		Saphir Medical	23.12.99	
	112*	WO	99/66848		Saphir Medical	29.12.99	
	113	WO	00/69348		Moutafis et al.	23.11.00	
	114	WO	01/50966		Hydrocision, Inc.	19.07.01	
	115	WO	01/50965		Hydrocision, Inc.	19.07.01	

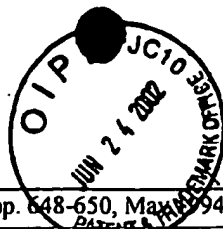
OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
Og.	116*	Water Jet Dissector, Hepatotom® Supersonic Microjet Dissector brochure, Medical Exports AG	



117*	D.N. Papachristou and H. Baers, "Resection of the liver with a water jet," Br. J. Surg., Vol. 69, pp. 93-94 (1982)		
118*	K. Jessen et al., "Endoscopic Jet-Cutting A New Method for Stone Destruction in the Common Bile Duct," 6th Internal Symposium on Jet Cutting Technology, Paper B1, pp. 39-52, April 6-8, 1982		
119*	K. Jessen et al., "Endoscopic Jet Cutting of Human Gallstones," 7th Internal Symposium on Jet Cutting Technology, Paper D4, pp. 211-220, June 26-28, 1984		
120*	B. Aeikens, "Cracking of Ureter Calculi by High Speed Water Jet Pulses," 8th International Symposium on Jet Cutting Technology, Paper 15, pp. 157-166, September 9-11, 1986		
121*	D.A. Summers and J. Viebrock, "The Impact of Waterjets on Human Flesh," 9th International Symposium on Jet Cutting Technology, Paper H4, pp. 423-433, October 4-6, 1988		
122*	J. Uchino et al., "Surgical Cutting of the Liver by Water Jet," 9th International Symposium on Jet Cutting Technology, Poster 1, pp. 629-639, October 4-6, 1988		
123*	B.G. Persson et al., "Transection of the Liver with a Water Jet," Surgery, Gynecology & Obstetrics, Vol. 168, pp. 267-268, March 1989		
124*	M.M. Vijay, "A Critical Examination of the Use of Water Jets for Medical Applications," 5th American Water Jet Conference, Paper/Communication 42, pp. 425-448, August 29-31, 1989		
125*	W.J. Drasler et al., "A Rheolytic System for Percutaneous Coronary and Peripheral Plaque Removal," Angiology-The Journal of Vascular Diseases, Vol. 42, No. 2, pp. 90-98, February 1991		
126*	H.U. Baer and L.H. Blumgart, "Jet-Cutting - an Alternative to the Ultrasonic Aspirator?" Chirurg, 61:735, 1990 and Reply to commentary		
127*	H.U. Baer et al., "New water-jet dissector: initial experience in hepatic surgery," Br. J. Surg., Vol. 78, pp. 502-503, April 1991		
128*	H.U. Baer et al., "Hepatic Surgery Facilitated by a New Jet Dissector," HPB Surgery, Vol. 4, pp. 137-146, 1991		
129*	J.E. Field, "The physics of liquid impact, shock wave interactions with cavities, and the implications to shock wave lithotripsy," Phys. Med. Biol., Vol. 36, No. 11, pp. 1475-1484, 1991		
130*	J.Y. Giraud et al., "Bone cutting," Clin. Phys. Physiol. Meas., Vol. 12, No. 1, pp. 1-19, 1991		
131*	P. Truchot et al., "Development of a Cryogenic Waterjet Technique for Biomaterial Processing Applications," 6th American Water Jet Conference, Paper 35, pp. 473-480, August 24-27, 1991		
132*	H.U. Baer et al., "Subtotal hepatectomy: a new procedure based on the inferior right hepatic vein," Br. J. Surg., Vol. 78, pp. 1221-1222, October 1991		
133*	W.J. Drasler et al., "Rheolytic Catheter for Percutaneous Removal of Thrombus," Radiology, Vol. 182, pp. 263-267, January 1992		
134*	H.U. Baer et al., "Water-jet dissection in hepatic surgery," Minimally Invasive Therapy, Vol. 1, pp. 169-172, 1992		
135*	J.A. Reekers et al., "Catheter for Percutaneous Thrombectomy: First Clinical Experience," Radiology, Vol. 188, No. 3, pp. 871-874, 1993		
136*	A.J.A. Terzis et al., "A New System for Cutting Brain Tissue Preserving Vessels: water jet cutting," British Journal of Neurosurgery, Vol. 3, pp. 361-366, 1989		
137*	P. Zhong et al., "Propagation of shock waves in elastic solids caused by cavitation microjet impact. II: Application in extracorporeal shock wave lithotripsy," J. Acoust. Soc. Am., Vol. 94, No. 1, pp. 29-36, July 1993		
138*	R. Izumi et al., "Hepatic Resection Using a Water Jet Dissector," Surgery Today Jpn. J. Surg., Vol. 23, pp. 31-35, 1993		
139*	M. Kobayashi et al., "Experimental Study of Water Jet Angioplasty," Vascular Surgery - International Conference, October 1993, Vol. 2, pp. 626-631,		
140*	O.M. Schob et al., "The Multimodal Water Jet Dissector - a Technology for Laparoscopic Liver Surgery," End. Surg., Vol. 2, pp. 311-314, 1994		
141*	P.C. Douek et al., "Functional Properties of a Prototype Rheolytic Catheter for Percutaneous Thrombectomy In Vitro Investigations," Investigative Radiology, Vol. 29, No. 5, pp. 547-552, 1994		
142*	Y. Hata et al., "Liver Resection in Children, Using a Water-Jet," Journal of Pediatric Surgery, Vol.		

RECEIVED
JUN 26 2002
TECHNOLOGY CENTER R3700



		29, No. 5, pp. 648-650, May 1994		
Con.	143*	J. Beard, "Water jet puts surgeons at the cutting edge," New Scientist, July 23, 1994		
	144*	O.M. Schob et al., "Experimental laparoscopic liver resection with a multimodal water jet dissector," British Journal of Surgery, Vol. 82, pp. 392-393, 1995		
	145*	S.M. Shimi, "Dissection techniques in laparoscopic surgery: a review," J.R. Coll. Surg. Edinb., Vol. 40, pp. 249-259, August 1995		
	146*	E.H. Overbosch et al., "Occluded Hemodialysis Shunts: Dutch Multicenter Experience with the Hydrolyser Catheter," Radiology, Vol. 201, No. 2, pp. 485-488, 1996		
	147*	S. Müller-Hülsbeck et al., "Rheolytic Thrombectomy of an Acutely Thrombosed Transjugular Intrahepatic Portosystemic Stent Shunt," CardioVasc. Intervent. Radiol., Vol. 19, pp. 294-297, 1996		
	148*	A. Bucker et al., "Comparative in Vitro Study of Two Percutaneous Hydrodynamic Thrombectomy Systems," Journal of Vascular and Interventional Radiology, Vol. 7, No. 3, pp. 445-449, May-June 1996		
	149*	V.G. van Ommen et al., "Removal of Thrombus from Aortocoronary Bypass Grafts and Coronary Arteries Using the 6Fr Hydrolyser," The American Journal of Cardiology, Vol. 79, pp. 1012-1016, 4/97		
Con.	150*	R.K. Spence, "Emerging Trends in Surgical Blood Transfusion," Seminars in Hematology, Vol. 34, No. 3, Suppl 2, pp. 48-53, July 1997		

RECEIVED
JUN 26 2002
TECHNOLOGY CENTER R3700

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/313,679, filed May 18, 1999 and now issued as U.S. Patent No. 6,375,635 issued April 23, 2002, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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EXAMINER <i>Catherine S. Williams</i>	DATE CONSIDERED <i>11-1-04</i>
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